



.....leading LED technology

Product Specification - A60/A65 Light Bulb



Description

The 'A' series, high performance LED lights from Uni-light are designed to replace classic incandescent lights or compact fluorescent lights with either a E27 screw fittings or a B22 bayonet fitting. Packaged in a classic-shaped, pearl envelope using our own patented driver circuitry, the light can be used in most standard fixtures, offering the user considerable energy saving opportunities. Light levels from each of the 6W, 8W and 10W versions far exceed that produced by our nearest competitors for equivalent input wattage.

The 'A' series lights are fully dimmable across a linear range when used with a number of commonly-available trailing-edge dimmers. In addition the 'A' series light incorporates a thermal management circuit to control the temperature of the LED junction and automatically dim the light if an over-temperature condition occurs. Further, the electronics is sufficiently robust to withstand hostile atmospheres that often occur in industrial environments. These unique features help extend the life of the LEDs and thus the life of the entire light. The savings achievable by users of the 'A' series lights result in a very short pay-back period. Colour temperature of these lights is in the range 2700 – 6000K. In line with all other Uni-light products the 'A' series lights benefit from a 5 year war-

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Specifications

Model No	ULA60-A1	ULA60-A2	ULA60-A1	ULA60-A2	ULA65-A2
Nominal Watts W	6	6	8	8	10
Operating Voltage V	110/240	110/240	110/240	110/240	110/240
Frequency Hz	50/60	50/60	50/60	50/60	50/60
Light output lumen	523	595	693	770	1020
Dimmable %	100	100	100	100	100
Colour Temp K	2700 – 3000	2700 – 3000	2700 – 3000	2700 – 3000	2700 – 3000
Power Efficiency %	93 – 97	93 – 97	93 – 97	93 – 97	93 – 97
LED working life hrs	50,000	50,000	50,000	50,000	50,000
Fitting	E27/B22	E27/B22	E27/B22	E27/B22	E27/B22
Diameter	55	55	60	60	65
Length	100	100	110	110	115
Warranty Yrs	5	5	5	5	5
Weight g	75	75	75	75	109
Mercury Content	none	none	none	none	none
EMI	negligible	negligible	negligible	negligible	negligible

Note: If the A60 bulbs are to be used within an enclosure, the A1 variation should be selected

Example Application:

In a number of egg production houses Uni-light replaced 500 x 40w incandescent light bulbs with their 6W dimmable A60 LED bulbs in a layer house holding 35000 hens. The return on investment was calculated as 1.7 years, well within the specified life of the bulbs. The LED A type bulbs are resistant to aggressive air and water splashing. The patented designs allow linear dimming to zero in addition to automatic dimming to prolong the life of the bulbs. This helps to withstand unpredictable conditions within the houses

